

## NEW GAS TO AID CONSUMPTIVES

Vitalizes the Blood and Is of Great Health-Giving Value.

### DISCOVERY OF W. J. KNOX

Surprising Medical Records Revealed. Work Done Among Blackwells Island Patients.

The New York Globe, in its Tuesday's issue, says it believes the subjoined article to be an extremely conservative description of a scientific discovery that promises to be of great medical value. The doctors mentioned are naturally unimpressed. They are unwilling to make general deductions which may prove misleading in individual cases. They are well satisfied, however, with the results obtained.

To bring to the sick room, wherever situated and in any environment, artificially atmospheric conditions which, in a natural state, have been found to be the highest health-giving value is a new achievement of science (described in the most modest terms, details of which the Globe has learned and now makes public in advance of their announcement to the medical profession). The remarkable discovery has been known for three years, and during that period, by means of it, no inconsiderable amount of medical work has been accomplished, with results that seem to warrant the most sanguine expectations. But, for reasons not altogether based on scientific reticence, the secret has, until now, been carefully guarded.

The discoverer, William J. Knox, an American chemist, professes no more than to have hit upon a means of restoring, by natural process, the impaired blood the normal supply of hemoglobin and red corpuscles, and so increasing the essential oxidative activity of the healthy blood stream. In simpler language, he is able to make good medical deficiencies in the blood, and so restore its vital qualities. The remarkable discovery has been known for three years, and during that period, by means of it, no inconsiderable amount of medical work has been accomplished, with results that seem to warrant the most sanguine expectations. But, for reasons not altogether based on scientific reticence, the secret has, until now, been carefully guarded.

This is Mr. Knox's view of what he has done. Description of the medical applications he leaves to physicians who have tested his discovery. That they have found it of great value in the treatment of consumption, striking as that fact is in regard to merely an incident of his work, which he is unwilling to emphasize. His original purpose, once the principle he had conceived was demonstrated to his satisfaction, was to devote his attention to the problem presented by severe anemia, which is a condition of the blood accompanying certain diseases, of which tuberculosis is perhaps the most conspicuous, in which the life-preserving properties of the blood are seriously diminished. Victims of consumption came readily to hand and offered in the most definite form the conditions with which he sought to deal. The effect shown in the blood stream confirmed his belief.

Apart from the direct destruction of the lungs, one of the marked symptoms of consumption is the loss of hemoglobin and red corpuscles in the blood, which is followed by a consequent general emaciation and debility. Mr. Knox found that in many cases, even where exhaustion was extreme, he could in a reasonably short time bring back to the blood the vital constituents it had lost. Arrest of the primary disease and restoration of patients to health, natural as they were in such circumstances, he looks upon as a result outside his province.

**Nature of the New Agent.**  
Before going into the medical aspects of the matter it is necessary to describe briefly the nature of the Knox discovery. It rests on a theory, new in the fullest development, to science, that the quantity of the oxygen in the air we breathe is less important than the degree of its readiness to combine with other substances for which, in chemical phrase, it has an affinity. In this view, "bad air" is air the oxygen in which is far too ready to combine with other substances, that when respired into the lungs, although it is taken up by the hemoglobin of the blood, nevertheless the blood in such condition fails to perform as fully as it should its functions as an oxidizer.

To these conclusions Mr. Knox was led by observations of the effect upon the blood of certain atmospheric conditions. That consumptives have the best chance of life in fairly high altitudes among pine-clad hills is well known. Mr. Knox traced the cause to the oxidizing activity of the air in such conditions and to the consequent oxidizing activity of the blood of those who breathe it. He sought an artificial means of imparting this property to ordinary air wherever those who need it may be. This he obtained by combining oxygen with pinene, the essence of turpentine, which, allowed to permeate the air in a room, can be breathed as easily as ordinary air and without irritation. When taken into the lungs such molecule of this gas, which has been named Terpesone, as soon as it comes into contact with the moist surface of the blood stream liberates active oxygen, which has the oxidizing power of nascent oxygen.

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men, that is, oxygen in its most active form. This, according to the theory of Mr. Knox, is why Terpesone, supplying an atmosphere rich in active oxygen, has been found to have so marked an effect on persons suffering from anemia.

**How It Is Made.**  
A technical word as to the gas and its generator. Terpesone is a definite chemical substance consisting of minute particles or aggregates of molecules of pinene oxide suspended in a large excess of air. The particles are of a camphor-like nature—that is, they possess a high vapor tension and become gaseous and invisible without losing their chemical identity. Terpesone is formed by intermingling gaseous pinene with oxygen, dry air and dry pinene vapor, the latter made by passing dry air over the surface of pure xaneous pinene.

A generator is provided in which air, preferably from an outside source, is first purified by passing through a series of fused calcium chloride. This air stream is then divided into two parts, one of which passes over the surface of neutral pinene and the other through an oxygenating device. The two air streams are combined in a gas-mixing chamber. This generator is operated by the ordinary electric illuminating current.

Treatment of consumption and other diseases by inhalations and gas generally is not new, nor are efforts to employ ozone and oxygen. In fact, only the irritating effect of ozone has prevented its general use. Its virtues as a germicide and vitalizer of the blood have been long recognized. Similarly the value of pinene as a nerve sedative and a stimulant of mucous membranes is well established, and its therapeutic properties have been neglected. Terpesone, while possessing no free oxygen and being a distinct chemical entity, pinene oxide, seems to possess all the beneficial properties of its constituent elements and none of those that are harmful.

The practical medical use of Terpesone can be more simply described, being shown in medical records of work done.

**Destroyer of Disease Germs.**  
One of the striking properties of the gas is its germicidal efficiency. This has been demonstrated by a series of bacteriological tests made by Dr. Albert G. Bennett, instructor of bacteriology, in Bellevue Medical College. He regards Terpesone as one of the most powerful destroyers of disease germs. His tests were simple and conclusive. Using broth cultures of the germs of such diseases as pneumonia, diphtheria, and typhoid, he exposed them to Terpesone under a bell jar for periods ranging from twenty-five to ninety minutes, the other (control) being kept apart. Both sets were then incubated. In every case it was found that the growth of the germs was arrested. No growth of the disease germs had been destroyed. The sets not exposed to Terpesone showed marked growth of disease germs. Even after the gas had been exhausted, the germs in the room exposed with it, the air of which Dr. Bennett breathed without the slightest discomfort, disease germs were as effectively destroyed, this being as true of the germs of the deadly anthrax as well as of pathogenic germs of less persistent vitality.

### Experiments on Blackwells Island.

For the last eighteen months or more experimental study of Terpesone as a therapeutic agent has been carried on in the Metropolitan Hospital on Blackwells Island by Dr. Ephraim D. Klotz, where five of the patients have been treated at Riverside Hospital by Dr. Bertram H. Waters, chief of tuberculosis clinics of the Health Department, and in private clinics. The machines have been used also by several physicians in private practice. The medical results obtained it is not for a lay journal to judge. It may be said here, however, that among many others—200 or 300-fifty-three victims of tuberculosis have been treated in the Metropolitan Hospital, of whose cases exhaustive records have been kept. Dr. Klotz, while unwilling to discuss his observations for a lay newspaper and preferring to publish in the medical press, has been dealing with Terpesone, which he understood Dr. Waters was preparing for the medical press, was induced to make these general remarks:

"I will say that I believe a most valuable therapeutic agent has been given to the world. The results that I have obtained have been eminently satisfactory. In anemic patients the gas has built the blood count to normal and above in a short time. Any physician knows what that means.

"In tuberculosis it has proved of great value. In the earlier stages of the disease we have succeeded in completely arresting the progress in a number of cases. Even advanced cases the gas has proved of inestimable benefit, as it has relieved the patient of much of his suffering.

"I have found the new gas of value in the treatment of other diseases, and careful investigation has shown that it has no deleterious effects on any of the organs, including the kidneys. Where there is plethoric over-fullness of blood I do not advise it.

### Records of Eight Cases.

Dr. Waters, like the inventor, Mr. Knox, has been interested mainly in the effect of Terpesone on the blood, and his studies have had to do largely with this aspect of its application. In most of the cases treated by him he has noted a rapid rise in the number of red blood cells. The number of these cells in a person of normal health is about 5,000,000 to the cubic millimeter. Consumptives have many less, sometimes under 4,000,000 and in the last stages under 2,000,000. Dr. Waters' count before treatment ranged from 2,400,000 to 4,700,000. In every instance the use of Terpesone when regularly administered caused a decided increase in the number of red blood cells. The following are a condensed statement of observations:

"The first was a woman of twenty-four in the third stage of tuberculosis, suffering symptomatically for about a year before treatment; general condition poor; both lungs affected; little toxæmia; sputum gave positive evidence of tubercle bacilli. Treatment was in this city in a room with a north exposure opening on a court and no direct sunlight. Result in 20 days, disease arrested; red cells increased from 4,000,000 to 5,522,000; gain in weight from 115 to 120 pounds.

"The second was a woman of twenty-four in the third stage of the disease, suffering symptomatically for more than a year, general condition fair, considerable emaciation, resistance good; little toxæmia; lungs affected about as in first case, complicated by pleurisy and general bronchitis; sputum positive. Treatment in this city in a room with little sunlight or outer air. Result in 18 days, much improved and improving. Disease arrested; red cells increased from 4,000,000 to 5,902,000; gain in weight 117 to 120 pounds.

"The third was a man of forty-one, in the third stage of the disease, suffering symptomatically for five years, general condition fair, some emaciation, little toxæmia, lungs badly affected, and chest contracted from old pleurisy; sputum positive. Result in 30 days, much improved and improving. Disease arrested; red cells increased from 3,700,000 to 5,500,000; gain in weight 119 to 122 pounds.

"The fourth was a man of twenty-eight, advanced in the second stage, suffering symptomatically for six months; general condition fair, some emaciation, moderate toxæmia; lungs badly affected; sputum positive. Result in 30 days, disease arrested; red cells increased from 3,700,000 to 5,500,000; gain in weight 119 to 122 pounds.

"The fifth was a man of twenty-one, in the third stage of the disease, suffering symptomatically for five years, general condition poor, considerable emaciation and toxæmia; little resistance and dyspnea; lungs badly affected; sputum positive.

## Naval Officer's Wife Seeks Stage Fame on Broadway

Society A-flutter at the News That Mrs. Kalbfus, After Appearing at Local Theater, Has Gone to New York to Continue Career.

Situated in the office of some New York theatrical rajah, or perhaps already in a musical comedy or rehearsing a drama at a Broadway Theater today, is a Washington society matron, under the nom de plume of Miss Sylvia Florence, while her husband, one of the navy's popular lieutenant commanders, paces the deck of his ship miles out on the briny.

In real life Mrs. Sylvia Florence Kalbfus, wife of Lieut. Commander Kalbfus, U. S. N., who has been recently ordered to sea.

Sylvia's venture on whittily lighted Broadway became known through a "leak" put out by Washington society's latest news chronicle, known as the Tete-a-Tete, a publication of eight pages, which professes to tell all the social gossip with every issue. By the "leak" its reporters have recalled the resemblance to the same woman who had entertained with charm and grace at so many drawing rooms last winter. Yes, it was Mrs. Kalbfus. They were satisfied.

Only the most intimate friends of the naval officer's wife had been taken into the secret by her.

Has Been on Stage Here.

For weeks, so Tete-a-Tete tells us, Mrs. Kalbfus has been playing at the local theaters. She has appeared in the

Result after 100 days, much improved and disease approaching cure; red cells increased from 2,400,000 to 5,730,000; gain in weight 116 to 118-120 pounds.

"The sixth was a woman of twenty-five, in the third stage of the disease, which had been recognized for two years; general condition fair, considerable emaciation and toxæmia; lungs badly affected. Result after 112 days, much improved and improving; red cells increased from 4,500,000 to 6,175,000.

"The seventh was a girl of fourteen, in the third stage of the disease, suffering symptomatically for a year and four months; general condition poor, some emaciation, moderate toxæmia, both lungs badly affected. Result after 105 days, much improved and improving; red cells increased from 4,500,000 to 6,175,000.

"The eighth was a man of forty-one, in the third stage of the disease, which had been recognized for eight years; general condition fair, considerable emaciation and toxæmia, some dyspnea; chills and night sweats, both lungs badly affected. Result after 105 days, much improved and improving; red cells increased from 4,500,000 to 6,175,000.

### CURRENCY MEASURE HOLDS WILSON HERE

President Unable to Attend Canal Opening This Month, Owing to Fiscal Bill.

President Wilson's plans for spending the next two months have been set awry by the realization that he must stick closely in Washington if he hopes to push through the currency bill. The President has abandoned hope of visiting Panama before the water is turned into the canal. Col. Goethals had informed him that the water could be held out until October 15, but the President has resigned himself to the belief that he cannot be away from Washington for two weeks in October. Similarly he has given up the idea of making an extended tour of the southern capital, Harlingen, at Cornish N. H. It is possible, however, that he may go to Harlingen for another week-end stay.

President Wilson tentatively has accepted the invitation to be present at the opening of the Southern Commercial Congress at Mobile, Ala., October 25. Also he plans to witness the fall target practice of the Atlantic fleet in Hampton Roads, Va., October 15. Both of these engagements will be cancelled unhesitatingly if the President thinks they will weaken his position in demanding the enactment of the administration currency bill.

### BURRITT LEAVES WASHINGTON.

W. R. and E. Company Official Accepts New York Position.

Prior to leaving the city yesterday to assume the duties of secretary-treasurer of the American Electric Railway Association, with headquarters in New York City, E. Boyce Burritt was the recipient of a handsomely appointed traveling bag from the official and his co-workers connected with the Washington Railway and Electric Company and affiliates.

During the past seven years Mr. Burritt has occupied important positions with these companies, serving as private secretary to George H. Harries during his connection with the local traction company, and latterly as an executive officer attached to President King's office, in which position many of the important details of street railway management have been placed in his hands for adjudication.

### METHODISM HERE DISCUSSED.

The Rev. Harold Hough, pastor of Mount Vernon Church, Baltimore, was the principal speaker last night at the second session of the Institute of the Washington Epworth League at McKeesport, Pa. Bishop Earl Cranston presided and offered prayer.

The Rev. Mr. Hough spoke on "Strategic Position of Methodism in the Capital City." He discussed six problems touching on church work, and said that education on church doctrines was necessary because "Christianity must rule the brain, or it cannot rule the heart."

Members of Brookland Chapter of the league sang several songs, members of the Forestville Chapter recited "He'll's Address," and children of Langdon Chapter held a candy-eating contest. The program began with departmental conferences. The Epworth League has forty chapters in the District.

### TODAY'S SELECTIONS.

BY NEW YORK TELEGRAPH.

Laurel.

First Race—Trifler, Water Wells, Venghes.

Second Race—Gun Cotton, Malaga, Hacerwell.

Third Race—Crossman, Naisid, North-erper.

Fourth Race—Compliment, Americus, Clapnet.

Fifth Race—Yellow Eyes, Cogs, Cliff Stream.

Sixth Race—Dumbos, Milky Way, Heartbeat.

Seventh Race—Irishessence, Lady Mount, Brackston Belle.

Eighth Race—Ralph, Little Nephew, Old Ben.

Ninth Race—Venghes, Maria, C.

Tenth Race—Kieburne, Floral Park, Buckhorn.

Eleventh Race—Spindle, Howdy Howdy, Anna Reed.

Twelfth Race—Sain Hirsch, Jenny Geddes, World's Wonder.

## FIELDER BEATEN BY 'JIM' NUGENT

President's Favorite Humiliated in State Democratic Convention.

### KINKEAD IS DEFEATED

Three Parties Draft Platforms—G. O. P. Comes Out for Woman's Suffrage.

Trenton, N. J., Sept. 20.—Bitterness between former Democratic State Chairman James R. Nugent, of Essex County, and Acting Gov. James F. Fielder, of Hudson County, was the most interesting feature of the doings here today incident to the holding of the State conventions of the Democratic, Republican, and Progressive parties and the organization of the respective State committees.

Angered by the acting Governor's accusations today that he was working against the Democratic party and really wanted former Gov. E. C. Stokes, Republican, elected, Mr. Nugent issued a challenge to the executive team to prove the charges. Later in the day, when the Democratic State committee met for organization, Nugent lined up with the supporters of State Treasurer Edward E. Groscurch, President Wilson's choice for the chairmanship, and roundly defeated the Fielder favorite, Representative Eugene F. Kinkead, of Hudson County, Nugent nominated Groscurch.

Ever since Nugent was ousted from the chairmanship he and Groscurch, who succeeded to the post, have been enemies. Today, however, Nugent worked with him to beat Fielder and the result was a humiliating defeat for the Acting Governor, Groscurch receiving sixteen votes to Kinkead's three.

**Old Parties Alike.**

Newton A. P. Hughes, of this city, choice of former Gov. E. C. Stokes, was named Republican state chairman with opposition. Frank H. Lee, of Camden, was elected as chairman of the Progressive State Committee.

The Republican platform was speedily adopted as originally written, but the Progressive and Democrats argued for hours over the plank in their respective platforms, and it was late tonight before the latter was completed.

The platforms of the Republicans and Democrats are almost identical. Both declare for economy and efficiency in the conduct of State business; for the revision of the election laws; enforcement of child labor legislation; uniform accounting for municipalities; and more home rule for the municipalities and counties.

**G. O. P. for Suffrage.**

The Republicans pledged themselves to uphold the principles of civil service while the Democrats went on record as favoring the establishment of a national navy and within the ranks of the State. The G. O. P. platform also pledged the party to submit to the people a constitutional amendment for the extension of the franchise to women.

The Progressive platform was practically the same as that adopted by the national convention in Chicago last year.

**Stemmen Bump One Sink.**

Detroit, Sept. 20.—The steamer City of London rammed the steamer Joseph S. Morrow, annihilating in a dense fog on point Pelee, early today, tearing a large hole in the side of the Morrow. The City of London sank a short time later. The crew was saved.

**Look for Witness.**

Patterson took his \$200 in cash to Sulzer's office. He said Judge Cullen would use it for any purpose he chose.

Judge Joseph H. Bell, of Youkers, attorney for John Boyd Gray, who is the only man who can absolutely identify account of the "Pulitzer and Gray" case, was brought into court to locate Gray, who was still missing.

"Can you produce this witness so he can testify here," said Judge Cullen, left the stand to do so. Up to midnight Gray had not been heard from.

The final session of the afternoon was Secretary Blumhertz, of the Civil Service Commission, for the purpose of identifying the appointment of Louis A. Rarecky as a department agent of the hospital commission.

At a midnight conference at the Executive Mansion the opening of the defense for Thursday or Friday was planned. The prosecution intends to close at noon tomorrow, and a motion to dismiss on the grounds of insufficient evidence will be argued during the afternoon.

"Now that the question is practically closed, I am more confident than ever that I will be vindicated in this fight against the people. Reports which have come to me today have been more encouraging than at any time since the trial began. They indicate certain victory."

**DRILL DAYS CHANGED.**

Orders Issued in Regard to National Guard Organizations.

Days for drills of the National Guard organizations of the District have been changed as follows:

Officers' schools, Monday instead of Wednesday; first and second battalions, Tuesday; third battalion, Wednesday; first and second battalions, Thursday; first and second battalions, Friday; third battalion, Saturday; fourth Thursday of each month.

French people eat on an average 16 eggs a year apiece; English eighty-five, and Italians only forty-eight.

**RHEUMATIC PAINS PROMPTLY DISAPPEAR**

Relief Comes After Taking Few Doses of Croxone.

It is needless to suffer with rheumatism, and be all crippled up, and bent out of shape with its heart-wrenching pains, when you can avoid it.

Rheumatism comes from weak, inactive kidneys, that fail to filter from the blood the poisonous waste matter and uric acid, and the only way to overcome it is to remove the cause.

Croxone does this because it neutralizes and dissolves the poisonous substances and uric acid that lodge in the joints and muscles, to scratch and irritate and cause rheumatism, and cleans out and strengthens the stopped up, inactive kidneys, so they can filter the poison from the blood, and drive it on and out of the system.

Croxone is a truly remarkable medicine for rheumatism, kidney troubles, and bladder disorders. You will find it differs from other remedies. There is nothing else just like it. It matters not how old you are, or how long you have suffered. It is practically impossible to take it without results. Relief follows the first few doses, and you will be surprised how quickly all misery and suffering will end.

An original package of Croxone costs but a trifle and all druggists are authorized to sell it on a positive money-back guarantee. Three doses a day for a few days is often all that is ever needed to overcome the worst back-ache or urinary disorders.

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## PERCY FOSTER BACK FROM WESTERN TOUR

Seventeen States and Three Canadian Provinces Visited by Musical Director and Family.

Percy S. Foster, Mrs. Foster, and their daughter, Miss Ethel Foster, recently returned from a Western trip covering 10,000 miles.

Seventeen States and three provinces in Canada were visited. Mr. Foster was musical director for the Ohio State Christian Endeavor convention held at Lima, and Miss Foster a soloist. At Los Angeles Mr. Foster was the musical director of the International Biennial Christian Endeavor convention. Miss Foster also was soloist during this convention, and sang her father's original hymn to a poem by the famous Charles M. Sheldon, author of "In His Steps."

The hymn was sung at the conclusion of an address delivered by Dr. Sheldon in the Theater Beautiful.

Mr. Foster had charge of the great chorus of about 800 voices during the convention, and states that the music was of as high grade as he had directed during twenty-one years of similar service.

Mr. Foster's party traveled through the famous Royal Gorge, visited the great Mormon Tabernacle and enjoyed a great view of the wonderful organ there.

That she has developed a new science whereby it is possible to foretell what kind of man or woman a baby will be by examining the soles of its feet is the claim of a French woman.

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**INSURANCE CASE SETTLED.**  
Justice Clabaugh Holds in Favor of L. H. Stabler & Co.

Justice Clabaugh, of the District Supreme Court, yesterday discharged a rule requiring Louis H. Stabler & Co. to show cause why they should not be prevented from placing certain casualty insurance policies with the Massachusetts Building and Insurance Company rather than with the complainant, Samuel H. Moore & Co.

The case was the first of its kind in the District and was watched with interest by insurance men here. The complainant contended that the policies in question, which expired within one year, should be renewed with their company for the second and succeeding years.

Justice Clabaugh, in dismissing the rule, said that the policies were not for renewed purposes of the property of the plaintiff, but that the renewal business belonged to the party whose diligence procured the renewal contract. The dissenting party in the case was the Massachusetts Building and Insurance Company, for which the Stabler Company had agreed to be general agent in and for the District of Columbia.

**THE JULIET FEATURES FOR THIS WEEK**  
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